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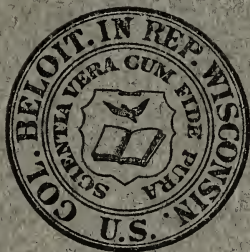
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Pres. & Officers

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1909-1910

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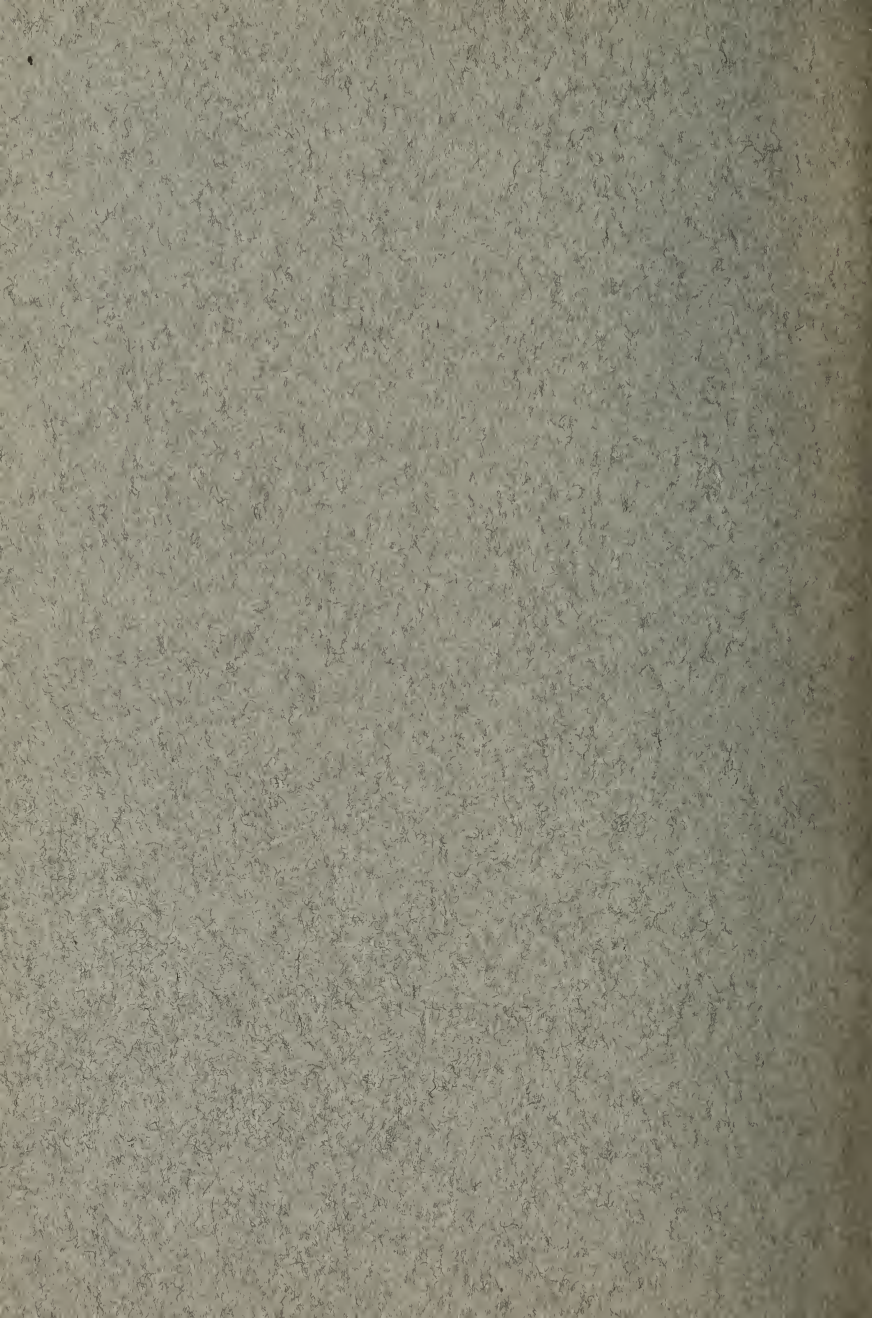


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—OF—

THE BELOIT COLLEGE BULLETIN

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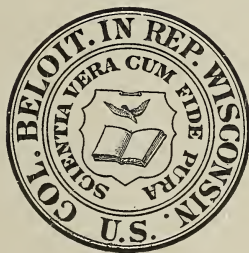
BELOIT COLLEGE



ANNUAL REPORTS

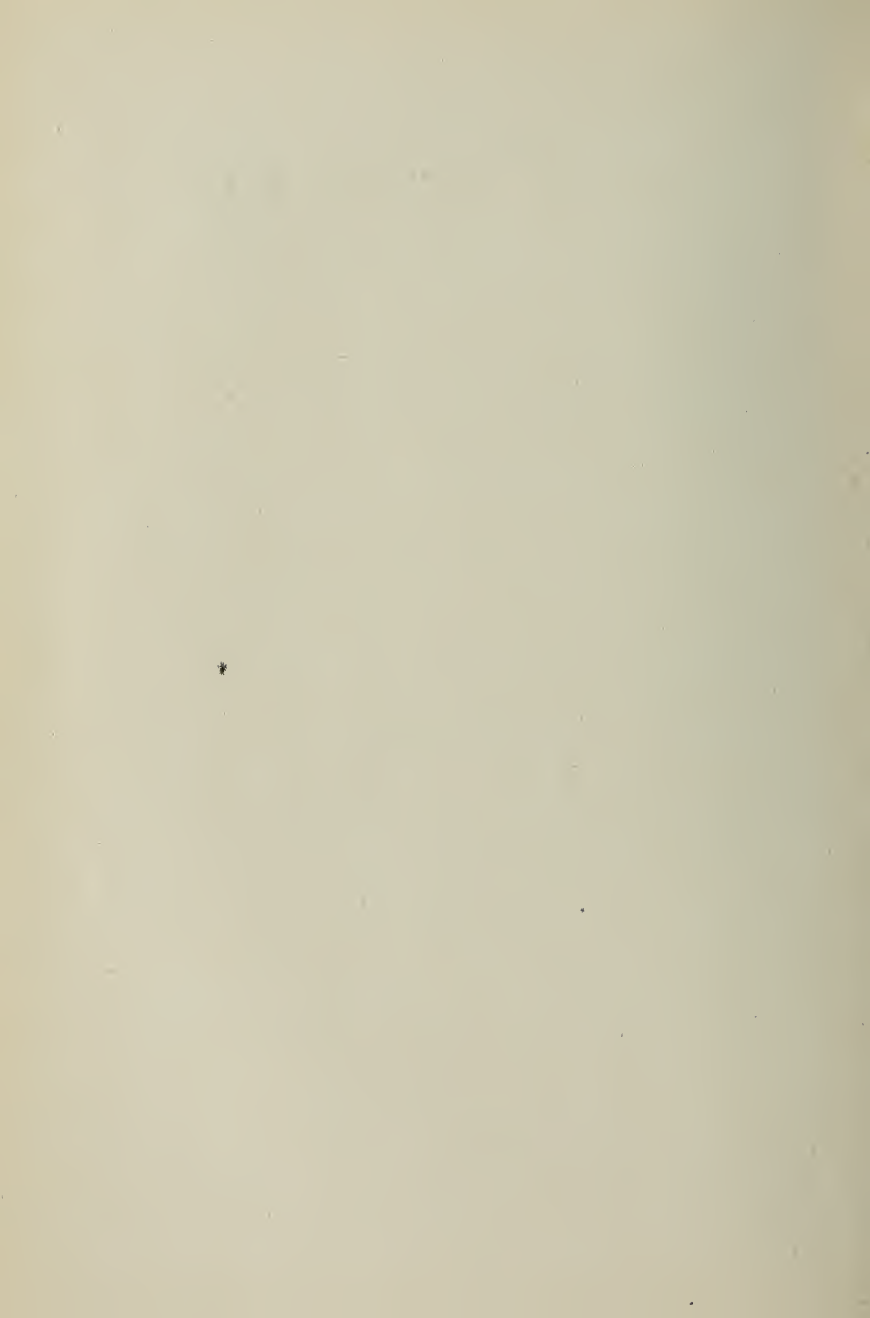
FOR THE YEAR

1909-1910



BELOIT, WISCONSIN

OCTOBER, 1910



PRESIDENT'S REPORT

To the Board of Trustees of Beloit College:

The year 1909-10, for which reports are presented herewith, has been characterized by steady, quiet growth in the instructional and administrative life of the College, and by cordial cooperation on the part of the students with the aims for which the institution exists.

TRUSTEES.

The death of Mr. Zalmon G. Simmons has removed from our Board an honored member, who carried great weight in our counsels, who gave generous help in our undertakings, and whose personality won our honor and affection.

At the quarterly meeting of the Board of Trustees, held April 19, 1910, the following minute was adopted:

In the passing from earth on the 11th of February of Zalmon G. Simmons, the Board of Trustees of Beloit College have lost from their number one whom we all held in peculiar honor, one whose remarkable qualities of mind and heart fascinated and charmed all who came within the circle of his influence.

His synthetic power and faculty of prevision, together with his indomitable energy, gave Mr. Simmons large place in the growth of our region, especially in connection with the development of the railroad, telegraph and telephone, and in extensive manufacturing interests.

One of the founders of the Republican party, a member of the Convention that nominated Abraham Lincoln for the presidency, an ardent patriot during the Civil War, and a life-long friend of the veteran soldier, the only honorary member of the Grand Army of the Republic, he loved peace and abhorred war. It was characteristic of him that the beautiful Soldiers' monument which he gave to his city of Kenosha, conveys no sugges-

tion of the implements of warfare, but is crowned by the white-winged figure of the angel of Peace.

Accepting membership on our Board of Trustees nearly eleven years ago, at the age of seventy, while carrying business responsibilities which would have overburdened most men in their prime, Mr. Simmons at once gave the College a share of his acute and fruitful thought. Unable to come to our meetings, he invited us to meet in his home. We shall not forget those gatherings, in which his daughter was our hostess, and in which he moved among us, the quiet, erect, central figure; his keen glance, his kindly smile, his words few but incisive, marking the leader of men.

In times of special stress, he was a tower of strength among us. In the black days of the panic of 1907-8, when he was fighting literally day and night to avert business ruin, he had time and money for the College. A few days before his death, while still engrossed in new enterprises, he expressed his purpose soon to give a larger share of his time to the work of the College.

When the final struggle came, his strong spirit was regnant to the end, every faculty in play, firmly measuring the odds with the great Antagonist to the utmost limit of mortal power, then passing calmly and swiftly from the scene of human struggle and achievement. To his brave, high spirit we pay the tribute of our admiration and our love.

The Commencement of 1910 completed sixty years of continuous service as Trustee of the College by our venerable and honored colleague and friend, Rev. George S. F. Savage, D. D., who drove in his buggy from his parish in St. Charles, Illinois, to attend the Commencement of 1850, and who has missed very few meetings of the Board during this entire period. We greatly desired the presence of Dr. Savage with us on this notable anniversary, recalling to our minds afresh the extent of his invaluable service to the College; as he was unable to be with us, a telegram was sent to him, expressing the affection and gratitude of the Trustees, Faculty, Alumni and friends of the College, to which Dr. Savage made a beautiful and characteristic reply.

Mr. Leonard Hillis, of Peoria, Illinois, has been elected to membership on our Board.

FACULTY.

On the 10th of January, 1910, Professor William Porter, D. D., the honored and beloved senior member of our Faculty circle, reached his ninetieth birthday. The event was celebrated in the Chapel service of the day, the President of the Senior class, Mr. Paul W. Boutwell, presenting the greetings of the students, and Professor Theodore Lyman Wright sketching felicitously the influence of Professor Porter upon the life of Beloit and of the College. Professor Porter's tender and beautiful response will always abide in the memory of all who had the privilege of being present. The College may well be considered rarely fortunate that has possessed for nearly sixty years the presence and influence of such a scholar and such a Christian gentleman, so clear in vision, so wise in counsel, so broad in sympathies, the personal friend of every one who has graduated from Beloit since the foundation of the College.

Early in the year an urgent call was extended to Professor James Arnold Blaisdell to the Presidency of Pomona College, California. After careful consideration of the call before and during a journey to the Pacific coast, having decided to accept it, Professor Blaisdell resigned his position in Beloit as Professor of Biblical Literature and Librarian, to take effect at the end of the first semester, in February, 1910.

In his six and a half years' connection with the College, Mr. Blaisdell has proved himself a successful teacher, a brilliant thinker, and an able administrator, and has won the affection of all the students, in whose truest development he has always taken deep interest. At a special convocation of the College, just before his departure, there was conferred upon him, by vote of the Trustees of the College, the degree of Doctor of Divinity.

To carry on the work which Dr. Blaisdell laid down, we have called, as Professor of Biblical Literature and Librarian, Rev. John Pitt Deane, M. A., B. D. Mr. Deane graduated in 1890 from Cornell University, where he was a member of the Phi Beta Kappa and President of the Christian Association. He was Classical Master in the Brooklyn Latin School under Dr. Caskie Harrison from 1890 to 1895. He graduated at Yale Divinity School in 1898, and was Dwight Fellow there, 1898-9. From 1899 to 1901 he was assistant pastor of the United Church, New Haven, and Instructor in Missions in Yale Divinity School. From 1901 to 1907 he was pastor of the Congregational Church at Ashland, Wisconsin, and from 1907 to 1910, Principal of the Beloit Academy.

The conferring of the degree of Doctor of Literature by the University of Wooster upon Professor Theodore Lyman Wright is a felicitous recognition of the attainments and services of one who for more than a quarter of a century has been an eager student in literary fields, and who has during the entire period been to a rare degree successful in making both ancient and modern literature for his students the embodiment and interpretation of life.

With a view to making the Biblical department of the College widely useful in the life of the region, Rev. Chauncey Theodore Edwards, D. D., has been called from the pastorate of the First Presbyterian church of Beloit, to undertake the raising of an endowment for the department. When this is secured, it is planned that Dr. Edwards shall take charge of extension work in Bible study, which his wide experience, his Biblical scholarship, and his keen interest in religious education in an unusual degree fit him to undertake.

Mr. Edwards Chappell Porter, after a year of helpful service as Instructor in Public Speaking, declined reappointment in

order to carry out his intention of doing graduate work the coming year. Mr. Clayton De Lisle Crawford has been elected Assistant Professor of Public Speaking. Mr. Crawford is a graduate of the Law department of the University of Michigan, where he took the degree of LL. B. in 1905. For the past five years he has been Instructor in Political Science and Public Speaking in the High School of Joliet, Ill.

Assistant Professor Harry Torsey Baker having been granted leave of absence for advanced study, Mr. George Wiley Sherburn has been appointed Instructor in English in Professor Baker's place. Mr. Sherburn graduated at Wesleyan University, Middletown, Conn., in 1906, with the degree of B. A., and membership in Phi Beta Kappa. In 1909 he received the further degree of M. A. from Wesleyan University. In 1906-7 he was Tutor in the English Language in the College of Liberal Arts, Northwestern University; from 1907 to 1910 he was Instructor in the same college. He has recently been compiling an abridged Dictionary of the English Language, with lists of synonyms and antonyms, which is soon to be published.

Professor Royal Brunson Way has been granted a year's leave of absence on account of an invitation to do special service at the University of Indiana. Dr. John C. Parish of Iowa City, Iowa, was appointed to take Professor Way's work for the coming year, but illness in his family having compelled him to relinquish the appointment here, we have called Mr. Frank Amandus Neff as Acting Assistant Professor of American History and Political Science for the year 1910-11. Mr. Neff graduated at La Fayette College, with the degree of A. B., in 1906. He was Principal and teacher of History and Science in the High School, Slatington, Pa., 1906-7, and taught History in the City High School, New Castle, Pa., 1907-9. He received the degree of M. A. at Harvard in 1910.

Dr. Ben Leon Glascock having accepted an invitation to become Experimental Chemist to the National Carbon Company, the position of Instructor in Chemistry has been accepted by Dr. Andrew Friedley McLeod, who graduated at the University of Chicago in 1903 with the degree of A. B. He took his doctorate in the same University in 1906 in Chemistry and Physics. Dr. McLeod was Instructor in Chemistry, University of Wisconsin, 1907-9; Assistant Professor of Biochemistry, Rush Medical College, 1909-10; did referee work for the Division of Agricultural Chemists, American Chemical Society, 1909; was Chemical Expert for the U. S. government in special food investigations in charge of Professor J. H. Long at Northwestern Medical College, Chicago, 1910.

In the first semester, during the sabbatical absence of Professor Abram Ray Tyler at Columbia University, excellent service as organist and leader of the Vesper Choir was rendered by Mr. Walter Alfred Allen, of the class of 1909.

Miss Cora Ellen Palmer having resigned after eleven years of loyal and helpful service as Director of the Women's Gymnasium, and as Acting Dean of Women for more than three of the same years, Miss Margaret Fuller Rogers has been called to the position of Director of the Women's Gymnasium and Instructor in Physical Training. Miss Rogers studied for three years at the University of Wisconsin, and then took her professional course of two years at the Sargent Normal School for Physical Education, graduating with double honors in 1901. From 1901 to 1904 she was Gymnasium Instructor in Miss Treat's School for Girls in Milwaukee, carrying on, then and since, private corrective work. She has also done important corrective work at the Milwaukee Children's Free Hospital, and has been a member of the staff of the Hospital since 1908.

Miss Iva Marion Butlin, M. A., whose service in the Library

for the past six years has been invaluable in its intelligence and fidelity, receives the appointment of Associate Librarian.

During the absence of Dean Collie on his journey of geological and ethnological observation around the world, which the College is following with keen interest, the position of Dean will be filled by Professor Robert Coit Chapin, whose experience and personality fit him to perform its duties most acceptably.

THE ACADEMY.

The development of finely equipped High Schools in this region having progressively limited the field of the Academy connected with the College, it has grown increasingly clear that the Academy must either have a large endowment and new facilities for its work, or be discontinued. As it appeared clearly unwise to concentrate effort upon securing endowment for the Academy rather than upon the needs of the growing work of the College itself, it was unanimously voted by the Board of Trustees at their quarterly meeting in April, 1910, in accordance with the recommendation of their committee which had been giving the subject careful consideration for months, that the Academy close its work at the end of its year in June, and that Scoville Hall be devoted to the uses of the College.

In view of the long and honorable history of the Academy, it is gratifying that its many warm friends unanimously concur, however regretfully, in the wisdom of this action of the College Trustees. The Academy endowment, amounting to about \$5,000, which was subscribed with the expressed agreement that if at any time not needed for uses of the Academy it should become a scholarship fund, the interest to be used for the benefit of college students needing help, is now to be devoted to that purpose, and the Trustees have voted that it be known as the A. W. Burr Scholarship Fund. It is hoped that this fund may in time receive substantial additions.

SCOVILLE HALL.

With the discontinuance of the Academy, Scoville Hall becomes available for college purposes, for which it is well fitted, and in which it will be greatly prized. Two recitation rooms on the first floor, with adjoining consultation rooms, will be devoted to the departments of Public Speaking and Rhetoric, with some of the classes in English. The third large room becomes the headquarters of the Young Women's Christian Association and other social interests of the women of the College. The remaining room will be given to the Round Table Board, and will also be used for the class in Journalism.

The second floor, with a part of the third floor, will furnish very desirable accommodations to the department of Music, affording it every needed facility for instruction, and an auditorium admirably adapted for recitals and chamber music.

THE LOGAN MUSEUM.

The removal of the department of Music from the second floor of Memorial Hall doubles the space available for the Museum, which will now occupy the entire building. This increase of room is doubly advantageous, as the Museum already has much material which remains boxed in the cellar because of lack of room for its proper installation; and also because, through the generosity of Mr. Logan, the Museum has just acquired a most valuable and extensive collection of extinct animal forms from the Brea beds near Los Angeles, California. The enthusiasm and scientific knowledge of Mr. Ira M. Buell of the class of 1878, who is making a prolonged visit in California, have been of great service in this connection. Our next annual report will give a more extended account of this splendid collection.

STUDENT LIFE.

In the absence of Dean Collie, no formal Dean's report is presented herewith. What was said by him a year ago may with

equal truth represent conditions during the year now under review: "There have been but few cases of discipline, and the general life of the students has been of a characteristically healthy tone."

The Christian activities of the students, in connection with the Young Men's and Young Women's Associations, have been well sustained. The delegation from Beloit to the Quadrennial Convention of the Student Volunteer Movement, which was held at Rochester, N. Y., brought back reports of the meeting which helped to deepen the Christian convictions of those that heard them. On the Day of Prayer for Colleges, Rev. Dr. John Timothy Stone gave a strong and stimulating address.

The work in the Smith Gymnasium has been maintained on a high plane of efficiency, and the teams of the College have won distinction, especially in baseball, basketball, and track athletics.

Chapin Hall, under the able management of Mr. Edward H. Light, has shown gratifying progress in its function as a social center for the young men, especially for those not connected with fraternities.

PROMOTION OF SCHOLARSHIP.

In common with other colleges, Beloit has felt the importance of encouraging scholarly work among its students, and promoting a healthful rivalry in this as in other lines of student activity. Important measures promotive of this end have been adopted during the year. The Matriculation of Freshmen, which has taken place in December, is hereafter, by unanimous vote of the Faculty, to occur at the end of the first semester in February, when the records for the half-year are complete. No student will be matriculated who has not completed with credit the work of the semester, and strong incentive is thus supplied for the formation of scholarly habits at the outset of the course.

Honorable mention will be made, at the Convocation on the opening day of each college year, of such students as have at-

tained a high grade in scholarship during the first two years of the course. At Commencement, departmental honors are to be awarded to those members of the graduating class who, while maintaining a good average in their other studies, have done work of high grade, including special research, in any single department of study. It is believed that in this way a wider range of intellectual capacities will be stimulated and rewarded.

ADDRESSES AND LECTURES.

The year has been a marked one in the character and variety of the addresses enjoyed by the College. Especially noteworthy was the address of Professor Eduard Meyer of the University of Berlin, the most eminent living student of history; and that by Arthur Lionel Smith, Dean of Balliol College, Oxford. Dr. Meyer was serving as exchange professor at Harvard for the first semester. Beloit is the only College which he visited during his stay in this country. His address of an hour in length on "The Influence of Greece and Rome on Modern Civilization", was given in English without the use of notes.

The Convocation address in September, 1909, was an eloquent lecture on Dante, by Rev. D. P. Fox, D. D., of Chicago.

The Schneider lectures were by Mr. Hamilton Holt, managing editor of the *Independent*, on "Commercialism and Journalism", and "The Federation of the World", and were greatly enjoyed. Interesting addresses were also given by Dr. John P. Jones of India, President D. Z. Sheffield of North China Union College, Tung Cho, China, Professor Charles Foster Kent of Yale, Rev. Richard H. Edwards of Madison, Wisconsin, Secretary Henry F. Cope of the Religious Education Association, and Rev. J. H. Dickson of Ceylon.

At Commencement there were two able and brilliant addresses, one before the Christian Associations by Rev. Oscar E. Maurer of New Haven, Conn., of the class of 1903; and one

on Commencement day by Rev. Dr. Samuel Parkes Cadman of Brooklyn, N. Y.

The second course of College Lectures was given in the winter of 1909-10, well sustaining the standard set the year before. The course included illustrated lectures by Professor T. L. Wright, on "The Greek Theatre" and by Professor G. L. Collie, on "The Conservation of Our Natural Resources"; by Rev. Dr. W. E. Barton, of Oak Park, on "The Christ of Art", with specially beautiful pictures; and by Mr. Isham Randolph, of Chicago, on "The Panama Canal", based on his observation as a consulting engineer on this great national enterprise. There were further a lecture by Rev. Dr. Ozora S. Davis, of Chicago, on "The Social Point of View", and an illustrated lecture-recital by Miss Anne Shaw Faulkner, of Chicago, on "Parsifal—the Last Message of Wagner".

CLASS ENDOWMENTS.

Two classes have established funds which give concrete expression to their affection for Alma Mater, and illustrate how much may be done to strengthen the College by those who have shared its advantages. The class of 1900, in connection with their decennial reunion, contributed to a fund which is designed to reach \$1,000. This is to be used first to purchase a fine engraving of the College grounds and buildings, which is now in process of making. As these pictures are sold, the proceeds are to be invested as a perpetual scholarship in memory of Dennis Burns, of the class of 1900, whose life of high character and promise was cut short before graduation by his death by drowning.

The class of 1910 have established a precedent, which if followed, will have important results, by contributing at their graduation an endowment amounting to \$2,000. It is their thought that if other classes do the same, and later augment their gifts as they are prospered, a large endowment will in

time be built up, the income to be used in increasing the salaries of the Faculty, who have given themselves with such devotion to the education of the students of Beloit.

THE COLLEGE AS A BUSINESS CORPORATION.

It is fitting that grateful mention should again be made of the ability and generosity of the Board of Trustees, whose able management is the condition of the strength of the College on its business side. The patience and skill with which the annual budget is prepared and decided upon; the sagacity used in making investments; the heroic devotion manifested in unexpected crises; the time given by men pressed by great personal responsibilities and their patient study of our current problems, may suggest something of the indebtedness of Beloit to the remarkable body of able men who serve it as Trustees.

The business block erected during the year in the wholesale district on Fifth Avenue in Chicago, and rented advantageously on a fifteen years' lease, is an important investment which we owe to the foresight and energy of our Finance Committee.

The intelligent sympathy of our Treasurer, Mr. Edward B. Kilbourn, with the aims and ideals of the College, and his unwearied attention to every detail of the business of the office, with his progressive methods, render working with him a constant satisfaction.

THE PROGRESS OF FIVE YEARS.

The College has been developing so quietly and uninterruptedly that it requires a review of a few years in order to realize its growth. In the five years from 1905 to 1910 the number of students in our College classes has grown from 288 in September, 1905, to 410 in September, 1910, an increase of 40 per cent. Seven professors and instructors have been added, in the departments respectively of Physics, Romance Languages, American History, English, German, Chemistry and Biology, and the

Gymnasium for men has been given a Director with assistants. Recitation and lecture-room accommodations have been about doubled. The number of semester courses given in 1905-6 was 179; for 1910-11 the number is 264, an increase of nearly 50 per cent. Five years ago the number of books in the Library was 34,400; now it is 45,120, a gain of nearly 32 per cent. The resources of the College have increased in the same period over a quarter of a million dollars. The laboratories in Physics and Chemistry have been greatly improved and extended; a large laboratory in Plant Physiology and a smaller one in Experimental Psychology have been added; two additional cottages for women have been acquired, and in June it was voted to build a President's House, which has long been needed, and which is already well advanced toward completion.

This gratifying progress may seem to emphasize some of the problems which press upon our scholarly and self-devoting Faculty, in whose work every Beloit student and graduate takes pride. It is of utmost importance that further increase be made in the salaries which the College is paying. And it is evident that some addition must be made to the force of instructors who have the handling of the rapidly increasing classes that are entering Beloit, in order to maintain our reputation for personal attention to the development of the individual student, and in order to keep the work with the upper classes rich in variety and vitality by saving enough of the time and strength of our Faculty for this essential and most distinctive part of their work.

It may be added that during the year your President, besides serving upon various representative bodies outside of the College, represented Beloit at the inauguration of the President of Harvard University and the President of Carleton College, represented the colleges of the West at the seventy-fifth anniversary of

the founding of Marietta College, and gave the Phi Beta Kappa address at the University of Wisconsin.

Reports of the various departments of the College are appended.

Respectfully submitted.

EDWARD DWIGHT EATON,

President.

Reports of Departments

ASTRONOMY AND OBSERVATORY.

(Professor Hamilton.)

The work in Astronomy and the conduct of the Observatory for the past year have followed the general plans outlined in the report for 1908-09. The Observatory has been used mainly for illustrative work with the classes, and no attempt is made to do research work, the time of the Director being required in the general work of instruction in the department of Mathematics.

In the past year the roof of the dome of the Observatory has been covered with canvas and heavy coats of white lead. This makes the roof water-tight and is a complete protection from the weather. The interior, including the dome-room, has also been largely repapered. The total cost of all repairs for the year was in the neighborhood of \$150.

It has not been found feasible to add the contemplated repairs to the telescope which were spoken of in the report for the year 1908-09; but arrangements have been made to have the work done at the close of the school year in June. The telescope will be dismounted for this purpose, and the work done upon it by the firm of Wm. Gaertner & Co., Chicago. When these repairs are completed the telescope will for the first time be adapted to measurements in Right Ascension and Declination, having clamps and slow-motion movements in these directions. It will therefore, be possible for the first time to use the micrometer upon it. It is also planned in these repairs to include an attachment for a photographic outfit, which will be constructed in the near future. The cost of these repairs will be in the neighborhood of \$200.

During the year a Michelson Interferometer has been purchased for the joint use of the departments of Astronomy and Physics, at a cost of \$100; an addition has also been made of some two dozen slides to the lantern equipment.

The usual course in elementary Descriptive Astronomy was given during the first semester, and was more largely attended

than usual, thirty-one students being enrolled. During the second semester a course in Modern Astronomy and Astro-physics was given in conjunction with the department of Physics, the theory being given in a series of lectures by your Director and the laboratory work being given in the department of Physics by Professor Culver. The plan of such a course is new to American colleges, not having been followed anywhere in this country, to the knowledge of the instructors of the departments concerned. The success of the course seemed to these departments to have justified the effort, and it is planned to offer the course again in 1912.

During the year your Director gave the usual courses in Freshman Mathematics, carrying six hours of this work each semester. He also gave the usual biennial course in Descriptive Geometry of three hours for the whole year to members of the Senior and Junior classes who are contemplating engineering courses after graduation. He also gave a Seminar course of three hours for the year in Practical Mathematics, for students of Chemistry and Physics of the Senior class. The usual course in Mechanical Drawing was given by Mr. M. E. Wharry, under the supervision of your Director.

The equipment for the work in Astronomy seems to be ample for the present, and with the funds at the disposal of the department, it is growing in a healthful way to keep fully up to date. This cannot be said of the work of the Mathematics department with which your Director is connected; the plan of giving Mechanical Drawing at night and by an instructor not connected with the College is unsatisfactory, and ought to be only temporary until a permanent assistant shall be added to the staff. The department ought to be enabled, by increase in the teaching force, to give the course in Surveying each year, instead of in alternate years, as at present. Many students want to take the work in this subject who are not able to do so under the present arrangement. New courses ought to be offered in the Freshman year of the Mathematics department to accommodate students who have not had sufficient preparation in Algebra and Solid Geometry to take the regular courses now given. Such elementary courses are now given regularly by the best American colleges and universities, both east and west, and Beloit must

follow the plan, unless she would allow her Mathematics department to fall behind other departments in strength. To enable the department to do the work as it ought to be given would require, at the least, fully half of the time of an additional instructor.

BIBLICAL LITERATURE.

Early in the academic year Professor Blaisdell, who, in his six years of service to Beloit, had developed a strong series of courses in Biblical study and allied themes, was called to the Presidency of Pomona College. He accepted this call, and at the close of the first semester he left Beloit to take up his new duties in California.

In the second semester, Mr. Edward H. Light, the College General Secretary, carried on the course in Biblical Introduction for the Freshman class. Rev. Darwin A. Leavitt, of the class of 1904, a graduate of Yale Divinity School, who had taken two years of graduate work in Germany and Scotland, offered two courses to upper-classmen, a one-hour course in Hebrew Prophecy, and a one-hour reading course in Isaiah. These courses given by Mr. Light and Mr. Leavitt secured a certain continuity of work for those students electing studies in this department.

BOTANY.

(Professor Densmore.)

The building and equipment of the experimental laboratory for Plant Physiology was the most distinct advance made in the department last year. At the time of my last annual report to the Trustees this laboratory was in the process of construction. The new laboratory was in use during the second semester and proved to be even more satisfactory than had been anticipated. It serves admirably as a combined growing-house and experimental laboratory. It is the plan of the department to make the course in Plant Physiology a fundamental general course for students,

now that facilities are available for the extension of this practical phase of Botany at Beloit.

The great increase in numbers in the department is taking place in the General Biology course, which this year numbers over one hundred students. Two laboratory assistants, Mr. George Clark Haines and Miss Mabel Clare Huschka, are now employed to assist in the departments of Botany and Zoology, their services being largely absorbed in the work with the large class in General Biology. The lack at Beloit of a finely equipped, large lecture room in Science Hall is felt by the instructors in General Biology. The class has outgrown the larger department lecture room so that it is necessary to divide the class and repeat lectures. The general lecture room in the Auditorium of Science Hall is gloomy and barren. One must have pleasant and comfortable surroundings in which to do really inspiring teaching. The Auditorium in Science Hall should be thoroughly ventilated, decorated and furnished with lantern, black-boards and all necessary fittings for general lectures in the Sciences. Our students are coming to Beloit from the finely equipped high schools of our region, and we cannot afford to have them find us poorly equipped at any point for their reception.

CHEMISTRY.

(Professor E. G. Smith.)

The work during the year was carried quite as scheduled, though my own hours were necessarily somewhat broken during the second semester. The whole number of students electing the several courses offered was about 145, the number varying during the year. The courses in General Chemistry and the year-course in Physical Chemistry were given by the Instructor, Dr. Glascock; the second and third year students and those electing Organic Chemistry were under my own personal direction.

The large number of students electing courses, and especially the large elections in the General Chemistry or First-year work, upon which all of the subsequent courses in the department depend, have raised some important questions regarding the most

efficient method of giving them. The work must be divided between two men, and the perplexing question arises as to just how this can be done to the best interests of the College. This year the first-year students were wholly in the hands of the Instructor, with lectures by the head of the department; possibly it may be better to return another year to the old method of procedure, where one division at least, made up of those who have had some previous training, will be taken by the head of the department. By so doing he can keep in closer touch with both the laboratory and recitation work, and the courses should be strengthened thereby, as compared with leaving all of this important fundamental work to the younger instructor.

The laboratories have been greatly improved by the introduction of a system of ventilation made possible through the generosity of the Board. It was difficult to know just how to install the system to the best advantage; different ventilating engineers thought no system could be conveniently introduced in the building as it was, but on personally visiting and examining some other laboratories and studying their methods a scheme was worked out, which on being installed has proved satisfactory beyond all expectation. Heavy hoods were built over each table and the whole system connected with an electrically-driven fan, using the old boiler chimney for the escape flue. Large classes in General Chemistry and Qualitative Analysis have used the laboratories, and one entering the building would not know that the classes were busy, for far as disagreeable fumes about the building are concerned; I am sure that everyone connected with the department appreciates the improvement and the considerable necessary outlay, and the other instructors in the building have enjoyed the relief from the unavoidable nuisances under the old system.

The laboratories need wiring for electric lights. At present the work at either end of the day is hampered; in the lecture room we need more lighting, as the lectures come the first hour in the morning; and the introduction of the heavy hoods in the lower laboratories necessitates additional lighting facilities.

I wish to speak a word of appreciation for the work of the assistant, Dr. Ben Leon Glascock, during the year. At the close of the year he received a call to the laboratories of the National

Carbon Co. in Cleveland, and resigned; his place has been filled by the appointment of Dr. Andrew Friedley McLeod, who comes from the University of Chicago. It has seemed best to do away with student helpers as store-keeper, laboratory assistant, etc., and Mr. J. Duane Gleghorn of the class of 1909 and graduate student for the past year, will fill the position of laboratory assistant for the next College year.

The department is in constant need of new apparatus and supplies, which are added each year. This is broken and used up during the year by the students; but I would like to mention among new supplies bought a Westphal balance, a fine spectroscope, part of the storage-battery equipment of the Hall, and new electrical measuring apparatus; in all about \$200 in permanent equipment has been added to the department this year.

ECONOMICS.

(Professor Chapin.)

The Professor of Economics has nothing sensational to report. The numbers in his courses have increased with the increase in attendance at the College. This necessitated in the second semester the division of the class in Elementary Economics into three sections of about thirty students each. To have crowded all these students into only two divisions would have left the instructor more time for his upper-class work, but it would have made it impossible to carry on the elementary course by means of the interlocutory method, which is universally admitted to be the only satisfactory way to handle such a class.

On the other hand, the effort to do justice to these beginners left but scant time to devote to the advanced classes, which also were larger than ever. This department is thus confronted with the dilemma which has appeared elsewhere, namely, whether to sacrifice courses offered to Juniors and Seniors for the sake of lower-class courses, or to sacrifice the elementary work for the sake of the upper classes. If numbers continue to increase in the lower years of the course, it seems doubtful whether they can be

cared for properly without curtailing, in number and in richness of content, the advanced courses. If this should happen, it would mean that it would be increasingly difficult to hold through the later years of the course those students whose primary interest is in this department of study.

A gratifying interest has been shown by the students in the problems and methods of social reform. More students than ever before are giving serious consideration to the possibilities of work for social betterment, in its modern forms, as a life-calling. This interest was greatly quickened, among the members of the class in Social Problems, by a visit to some of the institutions of Chicago, under the guidance of Mr. Edward L. Burchard, of the Class of 1891.

An important conference of college and university instructors in Elementary Economics was held in Chicago in the Fall. At this meeting it was agreed on all hands that this work could not be carried on effectively by lecturing to great classes, nor even by the mere grinding of students on a text-book. The give-and-take of the Socratic method in the discussion of economic principles with classes of from twenty to thirty students is being developed to a high state of perfection in some of the large universities, and this method was universally approved at the conference. This fact is at once a tribute to the advantages of the independent colleges like Beloit, with smaller numbers and with closer association of teacher and taught, and a challenge to us to make the most of our opportunities.

ENGLISH LITERATURE AND RHETORIC.

(Professor Chase.)

The teaching force of the departments of English Literature and Rhetoric remained as in the preceding year, with the addition of the new Dean of Women, Miss Kathryn Newell Adams, B. A., who has had wide training and successful experience as an English teacher. Miss Adams's assistance adds strength to both departments, and gives them a larger efficiency. In theme-reading we had during the first semester the services of Mr.

Charles Russell Zeininger, B. A. (Beloit, 1909); after his departure for the Philippine Islands in the second semester, the work of theme-reading was carried on by Mrs. Mary McLean Chase, B. A., and Mrs. Edna Hermine Menger, B. A.

The courses offered by the departments included a few new ones; chief among these was the course in the English Novel, given in the second semester by Miss Adams, which is a most important addition to the list of courses in English Literature. Miss Adams also gave valuable assistance in the reading of Freshman themes.

Professor Baker gave the Introduction to English Literature as usual, in three sections of about forty students each; and his advanced courses in Literary Criticism, Browning, Victorian Prose, and Verse Composition. In the second semester, a necessary rearrangement of work relieved Professor Baker of one section of the introductory course in Literature, and gave him two sections of Freshman Rhetoric, which he taught with vigor and effectiveness.

My own courses included Shakespeare, in two sections, as usual; advanced courses in Bibliography, Old English, and Chaucer and his Time; and the course for prospective teachers—to be taught in future by Miss Adams, whose experience as a teacher of secondary-school English will give the course a peculiar practical value. I also gave a new course for Juniors and Seniors in Spenser and Milton and their Contemporaries, covering the non-dramatic poetry of the Elizabethan and early Stuart periods; and my usual Seminar, for Seniors whose Major is in English. The subject of the Seminar last year was the Arthurian Legend, and the course proved to be specially stimulating; it was taken by twelve students, whose theses, made in connection with the course, reached a higher level than in any year before.

In this connection, I wish to express my gratification at the plan for departmental honors, adopted during the year. Miss Jessie M. Austin, with a thesis on "Merlin", received special honors in the department at Commencement.

In the department of Rhetoric, Mr. Craver gave the Freshman course, in five sections; and courses in Advanced Composition, Short Story Writing, and Journalistic Writing. The course in Argumentation was given by Mr. Edwards Chappell Porter, the

Instructor in Public Speaking. The chief feature of the work of the department was the course in Journalistic Writing, which was elected by 31 men of the upper classes; the effectiveness of the course was assured by Mr. Craver's use of the preceding summer in practical work on a city newspaper. It became necessary to divide the class into two sections, causing the rearrangement of work spoken of above. In future the course is to be given annually, as it makes a vital appeal to the young men of the College.

The new requirements for a Major in Science adopted during the year prescribe for each student the course in Advanced Composition, which has heretofore been elected chiefly by students whose interest is in the more literary aspects of composition. As a result the class is made up of two portions, of almost diametrically opposed needs and tastes: the science students, whose aims in the study are wholly practical, and the students of literature, whose aims are artistic. This course is necessary to both classes of students; but its value to both will be greatly enhanced when it is possible to divide the class into two sections.

Professor Baker's health was somewhat uncertain during the year, and he has a leave of absence for the present year, for purposes of recuperation and further study; his place is taken by Mr. George Wiley Sherburn, M. A., who has been for the past four years Instructor in English at Northwestern University. As theme-reader for the present year we are fortunate in the assistance of Miss Clara Eliza Emerson, B. A., whose long experience as a teacher will give especial value to her services.

The English Club, under the presidency of Miss Jessie M. Austin, had the most prosperous year in its history. It reached a membership of ninety, and its meetings, on the general subject of American Humorists, were of unusual interest. In addition to presenting the College Library with books in the field of American humor, to the value of about twenty dollars, the Club invited its friends in the College to a delightful lecture on the Old English Ballads by Dr. Franklyn Bliss Snyder (Beloit, 1905), of Northwestern University, in the Emerson Hall parlor. The Club also secured Mr. Frank Speaight, of London, for an evening of readings from Dickens, which gave pleasure to a large aud-

ience. The picture of Milton — a photographic enlargement from an old print of the Onslow portrait — presented by the Club a year ago, was hung in the English recitation-room during the year. The Club has voted funds for the purchase of further decorations for the departmental recitation-rooms, to be hung in the course of the present year.

The Shakespeare Society also had a year of achievement; its presentation of "Twelfth Night" in May, and again at Commencement, was the most finished and well-rounded production of a Shakespearean play that the Society has yet given. The new competitive basis of membership is proving of great value in bringing out dramatic ability among the young women of the College; and the serious spirit in which the Society has done its work is worthy of all praise.

Thanks are due to the Board for an appropriation of \$25 for lantern-slides for lecture purposes; equipment of this sort is almost essential to the largest success in elementary courses.

The increasing size of successive Freshman classes, with the consequent demands upon the teaching force, raises the question of the increase of this force. As the number of sections in elementary classes becomes greater, the time and energy for advanced work are correspondingly reduced; if the departments are to maintain their efficiency, and to retain their power to hold students in considerable numbers throughout the four years of the college course, more assistance must be provided for the elementary work. It is furthermore very desirable that the teaching of the Freshman class in Rhetoric be so arranged that all the themes may be read by those who give the instruction; we are moving toward this end, but one more instructor will be required, in order to make it fully possible of achievement. Our duty to the Freshman class, which we require to take this course, will not be fully done until more adequate provision is made for prompt and steady personal oversight of their work throughout the year.

FRENCH AND SPANISH.
(Assistant Professor Fairfield.)

The work in this department has gone along with increasing satisfaction and success; the only complaint to be offered by the

instructor is that, owing to the limitations of the time schedule, he is compelled to teach sections which are too large for the best interest of the students. It is rather difficult to teach elementary language to classes numbering over twenty students; for the sake of the students I should rather divide my sections, but we can find no hours available in the congested schedule of recitations.

The following courses have been taught the past year; each of the courses meets three hours a week.

Beginning French, in three sections numbering 34, 33 and 26 students; while this work is commonly referred to as Freshman French, the fact is that each section of the work has included students from the Senior, Junior and Sophomore classes as well.

Second-year French, embracing 40 students from all four college classes, and consisting of a general survey of the literature and reading of some four or five volumes of the best work in the present generation of French writers.

A course in French Drama from the beginning to the present day, with the reading of some twenty of the best specimens from Moliere to Rostand. This course numbered 10 students from the Junior and Senior classes.

A course in French Conversation and Composition, with four advanced students. This course is offered only to students who have had the equivalent of three years' work in French.

Beginning Spanish, a course for Juniors and Seniors primarily, numbered 9 students and covered the elementary grammar and the reading of easy modern Spanish.

The total work of the department, therefore, embraced 156 students; of this number there were 18 Seniors, 27 Juniors, 62 Sophomores and 49 Freshmen. In this number there were four failures during the year: two Sophomores and two Freshmen.

The instruction covered seven courses of three hours each, or a total of 21 hours per week through the year.

GERMAN.

(Professor Dubee.)

The year 1909-10 has been a very successful one for the German department. While the teaching force has remained un-

changed, the election of German courses, especially among upper classmen, was much increased. The larger elections were chiefly noticeable in "German Masterpieces of the 19th Century" (course 21-22) and in "Advanced Composition" (course 9-10), so that it became necessary to give each one of these courses in two sections. The total enrollment in the German department was 199.

Although the teaching force is small, yet we succeed in covering the principal periods of German literature by offering a number of courses for Juniors and Seniors in alternate years, thus enabling a student to continue profitably the study of German during his entire college-course.

The use of the spoken German by teachers and students is encouraged in all courses, and a special one-year course in German Conversation is offered to advanced students.

There are now 34 young men and women among our students who expect to teach German in High Schools, and it is gratifying to state that the teachers of German sent out by Beloit College during the last three years have made a good record. Last spring we could not supply the demand for teachers of German.

The library of the department is being enlarged as fast as the limited funds permit, but it will require several years, at the present rate of increase, before it can be called a good working library for the advanced courses.

The two teachers of German in Beloit College are now over-taxed with work, and the constantly growing number of students in this department requires another teacher during the next year, if the high standard of work is to be maintained.

GREEK LITERATURE AND ART.

(Professor Wright.)

As stated in the report of this department one year ago, the number of students electing the study of the Greek Language still continues to decrease, while the numbers electing courses in Classic Art and in Translations from the Greek have remained

large. This state of things is one common to all the institutions in the West; indeed the falling off of numbers in the Greek courses has become serious in Beloit somewhat later than in our neighboring colleges. At Beloit the closing of the Academy now takes away a last-remaining feeder to the College in the way of Greek preparation, for Greek has been almost everywhere dropped from the courses of our high schools; moreover but few of the incoming Freshmen meet advice or direction that inclines them to begin the study of the Greek language in College.

At the date of the writing of this report the question of the status of Greek studies among the electives of the College courses is, at the request of the department, under consideration in the Committee on Courses of Study, and it may be hoped that a year hence the report of this department will show that methods have been found of bringing what is best and most fundamental in Greek culture to a greater number of our students who would profit therefrom.

HISTORY.

(Professor Richardson.)

The chief recent events in the department of History have been the regrettable illness of Professor Way during much of the second semester of 1909-10; Professor Way's leave of absence for the College year 1910-11 to supply the place left vacant in American History at Indiana State University by the temporary absence of Professor S. B. Harding; and Professor Richardson's sabbatical absence the second semester of 1909-10.

During Professor Way's illness his classes were acceptably conducted by Mr. Emory Ratcliffe, M. A., and by Dr. M. B. Garrett, both graduate students of the State University. During the coming year these classes will be under the care of Mr. Frank A. Neff, B. A., Lafayette College 1906, M. A., Harvard 1910. Mr. Neff is also to assist with the Mediæval History.

Mr. Richardson's trip abroad—which was delightful and appreciated from every point of view—aside from indirect advantage from certain personal work, should be of direct advantage

age to the College with respect to strengthening the courses in Mediæval History by fresh material (largely in the form of lantern slides to be acquired by the College) and by the acquisition by the Library, through a generous appropriation by the Trustees, of a considerable number of very valuable new books. These include, among others, Leroux d'Agincourt's volumes on the development of European art, Lacroix's work on European civilization through the Middle Ages and to the French Revolution, DuCange's Glossary, and Brewer's "Henry VIII". Many of these books should be of decided assistance to other departments.

The chief problem of the department is the adequate management of the Freshman work without detriment to vital upper courses.

LATIN.

(Professor Calland.)

During the past year the usual courses were given, two to Freshmen, one to Sophomores, three to Juniors and Seniors. The elections numbered approximately seventy-five for each semester.

The department was materially strengthened by the help of Professor Burr, who, beginning with the second term, took full charge of the class in Elementary Latin. This course, the equivalent of two years of high-school Latin, has been limited to Beginning Latin and Cæsar. In looking over entrance records it was found that from forty to fifty Freshmen regularly enter College with two years of Latin. Presumably the majority of such students plan to take no further work in the subject, but any who might wish to do so are manifestly unable to take up the regular Freshman work in courses 3 and 4. With the sanction of the Faculty the department decided to offer, for the present year at least, to all College students having two entrance units in Latin, a semester-course in Cicero's orations, and a semester's work in the Aeneid of Vergil. The result is encouraging. The withdrawal of the course in Beginning Latin, however, was a keen disappointment to several earnest students. It may seem wisest, therefore, ultimately to give this course and the course in Cicero and Vergil in alternate years. This plan would accommodate

both classes of students, and would involve no extra teaching work.

The prediction made in last year's report in regard to the work in Roman Antiquities has been amply justified. At present fifty-four students are taking this course, an increase of fifty per cent over past years. In the future this course is to be offered every year instead of every other year, as in the past. Many young men who steer clear of Latin itself find this work not only stimulating but immensely practical. It is the desire of the department to make this course as strong and valuable as possible. To this end I most earnestly renew my appeal for a small annual appropriation for lantern slides and photographs. For obtaining the best results in this kind of work much illustrative material is indispensable. Some colored slides would add greatly to the attractiveness and effectiveness of the illustrations. The department needs at least \$50 during the present year, and an annual appropriation of \$25.

MATHEMATICS.

(Professor T. A. Smith.)

The work was carried on in much the same style as in previous years. During the previous year I introduced Analytic Geometry in my two divisions of the Freshman class and Professor Hamilton did not do so; the result was that in Sophomore year (last year) those from my two divisions electing Sophomore Mathematics were put at once into Differential Calculus; those from Professor Hamilton's took Analytic Geometry.

During the past year I had charge of two divisions of Freshman Mathematics, the class in Differential and Integral Calculus, the class in Analytic Geometry and Differential Calculus, and a class in Differential Equations and applications in Analytic Mechanics.

The work of the year was fairly satisfactory, though I was not able to put quite my usual amount of energy into it owing to ill health during the first semester, culminating in a brief but severe sickness during part of December.

Slight changes in order of work and in text-book method are being introduced the present year, for which preparation was begun last year; the results of this can best be introduced in my next annual report.

MUSIC.

(Profescsor Tyler.)

The last report of this department, written from Columbia University last year, made mention of the most significant item of the past year's work, to wit: that in the absence of the head of the department, and at very little extra cost to the College, the work was duly carried on with practically no abbreviation, by Professor Dubee, Mr. Walter A. Allen, and Miss Croft of the Senior class.

The voluntary activities of the College, to wit, the Vesper Choir, the Glee Clubs, the Mandolin Club, the Musical Association, and the College Orchestra, were maintained, though neither the Musical Association nor the Orchestra made public appearances. Of outside attractions, mention should be made of the recital by teachers of the department,—Mrs. Ruby Garlick Babler, Miss Hazel Croft ('09), Mr. Walter A. Allen ('08), and Mr. Paul H. Nielsen; the vocal recital by Mrs. Alice Merritt Cochrane, of New York; and the Parsifal lecture of Miss Anne Shaw Faulkner, in the College lecture course.

The resignation of Mr. Nielsen and the graduation of Miss Croft reduced the musical teaching staff by two. Mr. Nielsen's place has been taken by Miss Agnes Thornton of the incoming Sophomore class, a pupil of prominent Eastern teachers and a most charming performer.

The sabbatical semester-leave of the writer was spent in study under Cornelius Rubner of Columbia University and in a general participation in the work of the department at that famous institution. In addition, the manifold opportunities of the metropolis in opera, concert and libraries, were made the most of. Much that was stimulating to a college organist was obtained by attendance on two or three services each Sunday, and the enjoy-

ment of some of the best choirs of the country. By invitation of the head of the Music department at Columbia, a recital of the works of Dudley Buck (whose pupil it was the writer's good fortune to be) was given by him in St. Paul's Chapel at the University. The semester's work found expression in the composition of a Trio for piano, violin and 'cello, which was performed at the University later in the year; on this occasion the head of the department, Professor Rubner, honored the composer by taking the piano part himself.

The removal of the department from Memorial Hall to its new quarters in Scoville Hall has been accomplished, and a new opportunity has been opened which it will be the effort of the department to deserve and for which its thanks are tendered.

The needs of the Department are acute, but so much has been done for it that the writer feels constrained merely to mention them: the chief are a new organ in the Chapel, a fund for the purchase of orchestral instruments, and a foundation for the support of a high order of concerts.

PEDAGOGY.

(Professor Burr.)

The work of the year has not differed much from that of the previous one. The class in Applied Psychology numbered twenty-seven, and was heard in two divisions. The lectures are given to the class in typewritten form, and the lecture and the reference work form the basis of the class discussion each day. By this method the work is made practical and helpful.

Another hour has been added to the course in the History of Education, making it now a two-hour course, one semester. This has greatly increased the interest and also the value of the course. The class numbered thirty-five Juniors and Seniors, and was heard in two divisions.

The Teachers' Course in Latin has also been made a two-hour course for a semester. The class numbered but three this year. The number varies in this course with the number who make Latin their Major study and desire to teach it. It numbered ten the year before.

The class in Methods of Teaching, the second semester, was made up of sixteen Seniors. The class was a strong one, and all but three are already teaching. Of the Senior class of sixty, twenty-five are in the work of teaching this year.

In addition to the work in Pedagogy, I have had for most of the year a Freshman class in Beginning Latin. This was a four-hour course and gave an opportunity to those in the Teachers' course in Latin for practice teaching.

The Committee on Positions for Graduates has endeavored to obtain from Principals and Superintendents of Schools a careful estimate of the ability and success of those who have gone out from Beloit as teachers. The file of letters received in reply bears testimony to the strength, character and equipment of those whom Beloit has sent forth in the past few years as teachers. Even partial failures are rare.

If it were possible to make an occasional visit to the schools in the region about Beloit, where our teachers are at work, it would do much to increase and strengthen the ties binding these schools to the College.

PHILOSOPHY AND PSYCHOLOGY.

(Assistant Professor Waugh.)

During the school year 1909-1910 there were 105 elections in the department of Philosophy and Psychology. With the exception of 13 of the members of the class in Logic, who were Sophomores, all of these were from the Junior and Senior classes. The class in Elementary Psychology numbered 35. This is a smaller number than in the previous year, owing to the rule made a year ago reversing the positions of Psychology and Logic in the curriculum, and restricting the election of Psychology to upper classmen. The only course that was open to Sophomores was the Logic.

It is our belief that a student may fitly begin his study of Philosophy with either Psychology or Logic. His choice of the one or the other should depend upon the nature of his mind and the profession for which he plans to equip himself. We would

propose that hereafter Sophomores be admitted to either Logic or Psychology upon recommendation of their advisers.

The classes in the History of Philosophy, and in Genetic Psychology were of the usual size.

The work of the department has been extended by the addition of a laboratory course in Experimental Psychology. A room on the third floor of Science Hall was kindly turned over to our department by the Professor of Geology. This room has been equipped with tables, shelving, etc., and with electric current for lighting and power. The chronometric instruments purchased some years ago with the gift from the William E. Hale fund are now assembled here for use, and this equipment has been added to by purchases of material for the study of the senses. The acquisition of this much-needed material, as well as the installation of a carpenter's bench and tools for making the simpler kinds of apparatus in the laboratory, has been made possible by the appropriation from the Trustees of last January.

Six students—all the laboratory will accommodate at present—were enrolled last semester and were given a training course in experimentation upon the senses, perception, imagination, attention, emotion and reaction-time.

It is evident that the laboratory of the small college cannot compete in research work with that of the university, yet there is a definite field for our college psychological laboratory. Its aims are: 1st, to give the student that training in general accuracy of observation which will enable him to know better his mental powers and limitations; 2nd, to provide a suitable background of experimental knowledge for those intending to enter the professions of medicine, law or teaching, in which experimental psychology is of increasing importance; 3rd, it is hoped that the college laboratory may become of service to the school community, in making tests of mental ability and determining in a measure the directions in which an individual's instruction may be most profitably advanced.

The increasing inclination toward those studies that are immediately practical leads many students to overlook the importance of Philosophy as a broadening influence in life. It is only in college that the student may learn something of the significant currents of thought, and it is here that he should endeavor to ac-

quire that well balanced mind which is the ideal of the philosopher. The division between Philosophy and Psychology is today more marked than ever, and it is a difficult task to develop both the more practical Psychology and the equally important Philosophy without putting special emphasis on one or the other. There is need of an instructor in the department, who shall devote himself to the development of the theoretical courses, Ethics, Metaphysics, Logic, Aesthetics and History of Philosophy. At present Metaphysics and Aesthetics can be offered only in alternate years, the course in Advanced Logic has had to be dropped, and Ethics is taught by the President to the Senior class but one hour per week during the first semester.

PHYSICS.

(Professor Culver.)

The work in this department has gone forward along the lines indicated in our last report. Perhaps the most notable feature of the work during the past year has been the gratifying increase in the number of elections in the advanced courses. In general, since the beginning of the 1907-8 college year, the elections have increased four-fold.

Several important additions to the general equipment have been made during the year, chief among which are:

Twenty-five 120-Ampere-hour Storage Cells,

A large and well equipped slate switchboard for the shop,

One 2-K-W Direct Current Generator.

The funds for the first two items were provided by a special appropriation from the Board.

In connection with the installation of the departmental switchboard above referred to, a complete system of electrical distribution has been worked out for Science Hall as a whole. The wiring for this is now being installed. When the system is fully completed each science department in Pearsons Hall will control its own distributing board, which will be supplied with both alternating and direct current, together with storage-battery connections.

Incidentally the above improvement makes possible the projection of a series of popular science lectures for the coming year. These lectures are to be given for the benefit of students and townspeople in general in the Auditorium of Pearsons Hall, the first series being upon the general subject, "Electricity in Domestic Use".

Referring to the matter of departmental needs, it might be said that there is pressing need of additional apparatus to provide for the laboratory work in the advanced courses. We have relatively little equipment with which to handle a comparatively large class in Electrical Measurements, which will run during the second semester of next year. Such apparatus is expensive, but can be used for years when once secured. Approximately \$700 is needed for this particular purpose.

In addition to the above there is need of a number of new tables for general laboratory purposes, which would cost \$140.

The funds from laboratory fees have been expended in providing duplicate apparatus for the general laboratory course and in the purchase of general current supplies.

POLITICAL SCIENCE.

In the absence of Professor R. B. Way, who is released on leave for the academic year 1910-1911, mention should be made of the efficient work that he has done in his department, and the growing popularity of his courses among the students.

Mention should also be made of the reorganization of the Civics Club, in affiliation with the Intercollegiate Civic League. The club has had a membership of about twenty men in the Junior and Senior classes, and has held tri-weekly meetings through the year. The purpose of the organization is to give the members some insight into the methods of "practical politics", to the end that as citizens they may know how to give effect to their convictions through the existing political agencies. This year the commission form of city government in its various phases has been considered, and the club has been addressed by Alumni and others who have had experience in municipal affairs.

ZOOLOGY.

(Assistant Professor Risser.)

During the past few years the work in the department of Biology has been well differentiated into the separate lines of work, Botany and Zoology. This has been a natural result of various conditions, partly because the two lines of work are co-ordinate as separate studies, and also because our students come to us with definite expectations of preparing for some particular future life-work, as forestry, agriculture, domestic science, medicine, science teaching, etc.

Consequently, the work of the first year in General Biology has been arranged with the view of initiating the student into the fundamental principles as represented by a semester each of Plant Biology and Animal Biology. As thus arranged this course has attracted an increasing number of students, the enrollment for the year having been nearly one hundred, a large percentage of these being upper classmen, who for various reasons deferred some of their science requirements to later than the Freshman year. Furthermore, this course has enabled students desiring to specialize in the work of the department to become clear as to their preference for either Botany or Zoology. In presenting such a course in General Biology the College has been leading and not following.

By the appointment of Mr. Haines as assistant in the department much relief has been given from the less important and yet necessary preparation work in Biology and Zoology; but even with this aid more laboratory assistance was needed. For such additional instruction Mr. Koefod of the class of 1911 was employed, and has given very satisfactory aid in the laboratory. Remuneration for such additional instruction should be provided for in the regular College budget; the laboratory income from fees ought to be expended only for the acquisition of new equipment and material to better the work of the department.

I wish to express my appreciation to the Trustees for the provision of a room for the work of Zoology proper. In the rearrangement of the third floor of the north wing of Pearsons Hall it was feasible to provide for such a room, with running water, etc. The nature of the work in the department is such that students should be allowed to occupy the room at all times when

convenient for them, in addition to the regular class appointments. This was not possible with the crowded condition of the general laboratory, and students often felt that no provision was made for their convenience, and that their presence was not really desired. With the installation of electric lighting for the various rooms the laboratory is coming to be a real working place, not only for the day time, but often late at night.

The department of Zoology is much hampered by lack of illustrative material of various kinds; a museum is not in the mind of the instructor, but it is hoped that there may be found soon some means of amplifying the small collection of specimens and the "working collection" acquired slowly during the past few years. This lack of material is most evident in the teaching of Physiology and Bacteriology. It has been possible to do only very simple laboratory work in connection with the former subject, and necessary to omit the latter study entirely. To further the work of the department it seems almost essential that equipment be provided in the very near future for giving a general course in Bacteriology, equally valuable in its contents for the prospective teacher, the forester, the agriculturist, the nurse and the physician. Such a course might be easily arranged for in conjunction with the year-course in Plant and Animal Physiology, possibly with alternation of the course in successive years; thus our students could feel that their preliminary preparation in the Biological sciences had been established on a broad basis.

The transference of the science library and current magazines as subscribed for by the various departments to the room in Pearsons Hall has also added impetus to the work, by making it possible to use reference books and magazines more quickly, through their being more accessible for both student and teacher.

ART DEPARTMENT.

(Mrs. Helen B. Emerson, Curator.)

The work in the Art Hall for the year ending June 15, 1910, has been of the usual varied character, with a notable exception, viz: that of the repairing and rehanging of the numerous

pictures which now adorn its walls. This is the sixth time that it has been necessary to do this work, in order to gain more space, in the eighteen years that the collections have been under the care of the Curator. It was gratifying to note the increase in the number and value of the art works gathered during that time and it was a pleasure to have a sufficient number of paintings to group according to subject, as portraits, marines, landscapes, subject pieces, animal and flower paintings and copies from some of the Old Masters. The gallery is particularly rich in the latter, by the best copyists. By means of hanging pictures double, triple, quadruple, and even skying some of them, all were disposed of so as to give an attractive gallery.

The most notable additions were a remarkable copy of "A Jolly Man" by Franz Hals, and an original, by the famous artist, Smith-Hald, of "The First Rays of the Sun on Mt. Lofoden" from that paradise of artists, the Lofoden Islands, near the North Cape. An electric light, the only one in the Gallery, hangs before it and helps to bring out the beauties of its wonderful combination of water, mountain and mist. Its price was such that it could be secured only by the kindness and generosity of friends of the College and Art Hall.

The collection of bric-a-brac has been augmented by gift and purchase: of two vases of Duschek Pottery from Miss Adaline Emerson; of a beautiful and useful water set of pitcher, mug and tray, illustrating the Landing of Roger Williams; of a Canton coffee pot and plate from Mrs. E. W. Bill; of elegant specimens of Norse pottery and jardinieres from the factories of Buffalo, East Liverpool, and Chelsea, Ohio.

The Library has grown by purchase and donations to 2,500 volumes and its new arrangement and classification make it of increasing value in carrying on the work of the department. Much cataloguing and clerical work has been done, though the resignation of Miss Shepard, her able and faithful assistant in this work, has been much regretted by the Curator. However a large number of photographs and articles illustrating German poetry have been arranged for, and used by, the German department of the College.

The priceless mural paintings are left, by the removal of the Music department, alone, on the upper floors of Memorial Hall,

where they are practically buried from visitors and where a silent work of disintegration is being continued. They await, as do the Curator and many earnest friends of the Art Hall, the erection of a new gallery.

May the realization of this hope speedily assume fair proportions on our beautiful campus!

THE LIBRARY.

(Miss Iva M. Butlin, Associate Librarian.)

The steady growth of the Library in both resources and attendance, which was noted in the report a year ago, has continued during the past year. The acquisition of books from various sources for the year ending June 1, 1910, is shown in the following figures:

Purchase	854
Gift	547
Government documents	595
Binding	259

Total.....2,255

While the total number of accessions is not quite as high as in the previous year, when it was 2,333, it is unusually large when the fact is taken into consideration that the tendency of publishers to augment the number of books upon the net price list has increased the average cost per volume to a library from \$1 to \$2.17, or to more than double the former price. The total number of volumes now in the Library is 45,420.

The list of periodicals and newspapers to be found in the reading room is larger than ever before. This increase is largely made possible through the Archæan Union funds, which have been used so liberally for this purpose. Of the 232 periodicals and newspapers which come regularly to the Library, the Archæan Union furnishes 58.

The total circulation of books and pamphlets during the year was 10,931, while that of the previous year was 10,553. That the total issue was higher, in spite of circumstances which tended

to lower it, is noteworthy. The number of books on history which are drawn from the Library is very often larger than in any other subject, and the absence of Professor Richardson during the second semester naturally lowered this number. Also during the year a department library was established in Science Hall to meet the needs of the science professors, who feel it a necessity to have certain books constantly in close connection with laboratory and class-room. This of course greatly diminishes the circulation from the main Library. The administration of this department library proves a difficult problem which can undoubtedly be solved only at the expense of an extra assistant, in order that this library may be kept open to the students the same as is the general Library.

The report would not be complete without special mention of Dr. Horace White, whose liberal gift of money has secured many valuable books which the Library would otherwise have been unable to purchase; of President James A. Blaisdell, who, since leaving Beloit at the end of the first semester after nearly seven years of enthusiastic and effective service as Librarian, has shown his continued interest in the Library by the gift of nearly two hundred volumes; of Professor R. C. Chapin for various gifts of books and magazines; and of Professor F. H. Chase, whose gifts from his own library and whose active interest in securing books from other sources has added much of value to the English department.

The one paramount need of the Library at present is additional stack room. Gratifying as is the increase in resources noted above, it cannot long continue unless more ample shelving can be provided. During the past year readjustment has constantly been necessary at one point to relieve the crowded condition of the shelves at another. The choice seems to lie almost immediately between acquiring fewer books or making provision for an extra floor of stacks. If the College and its Library are to move forward as in the past the former is impossible and the latter becomes the only alternative.

REPORT OF THE DEAN OF WOMEN

The number of women enrolled in the College during the year 1909-1910 was 133, divided as follows:

Seniors	27
Juniors	30
Sophomores	34
Freshmen	42

Of these, five because of illness, and one because of inability to carry the work, dropped out during the year. The same high character and conscientiousness in her work that has always marked the Beloit young woman was clearly evident last year, and an earnest spirit prevailed among all to do good and honest work.

The two problems of having the young women feel a greater responsibility in maintaining and intensifying the College ideals; and of giving them the privilege of knowing each other more intimately, and of having their own life in a co-educational college, were mine last year to solve in part. As a step in solving the first, the idea of self-government among the young women was extended to include the general conduct of all the College women; to help solve the second, I was granted permission to have a Chapel service once a month for the young women only, at which time either some lady from town or I spoke; and secondly, the young ladies themselves planned and successfully carried through several receptions at Emerson Hall, to which they invited their friends. This year the room in Scoville Hall for a gathering place for all the girls will be a very great help to us in this work, and I wish to thank the President and the Board of Trustees for its use.

I have tried during the year to meet the town girls as often as possible, calling on them in their homes, and being at home to

them and to all the girls one afternoon each week. I feel that the work of the Y. W. C. A. last year was of vital importance in the life of the young women; the fact that twenty-three were at the Geneva Conference for a part or all the time, bringing back ideas for greater service and usefulness, will greatly increase the efficiency and value of this organization.

Respectfully submitted,

KATHRYN NEWELL ADAMS.

TREASURER'S BALANCE SHEET OF PERMANENT FUNDS

October 1, 1910.

ASSETS.

Productive

Bills and Accounts Receivable ..	\$448,588.41
Bonds	304,000.00
College Buildings (Dormitories)	71,000.00
Stocks (Including Premium) ..	39,000.00
Real Estate	312,100.00

Total Productive \$1,174,688.41

Unproductive

Plant

College Buildings (Not Yielding Revenue) ..	\$304,500.00
College Grounds	104,000.00
Equipment	131,000.00
	539,500.00

Real Estate

Beloit	\$12,500.00
Chicago	625.00
	13,125.00

Cash on Hand 6,948.81

Total Unproductive 559,573.81

Total Fund in Trust \$1,734,262.22

LIABILITIES.

Endowment

Productive—(Invested as shown
above; Income only available
for current expense) 1,174,688.41

Unproductive

Real Estate ..	\$13,125.00	
Cash	6,948.81	20,073.81
		1,194,762.22

Plant 539,500.00

Total \$1,734,262.22

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